



Dkt. 65504-A/LPW/FHB

1634/11

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Shlomit Gilad and Rami Skaliter
U.S. Serial No. : 09/810,993 Examiner: J. Goldberg
Filed : March 16, 2001 Group Art Unit: 1634
For : ATM MUTATIONS IN BREAST CANCER

1185 Avenue of the Americas
New York, New York 10036
May 27, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22312-1450

Sir:

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

This Information Disclosure Statement is being submitted after the issuance of a first Office Action, but before the issuance of a Final Office Action or a Notice of Allowance. According to 37 C.F.R. § 1.97(c), this Information Disclosure Statement shall be considered if accompanied by the fee set forth in 37 C.F.R. § 1.17(p). Applicants enclose herewith a check for the \$180.00 fee under 37 C.F.R. § 1.17(p). Therefore, the subject Information Disclosure Statement should be considered.

In accordance with their duty of disclosure under 37 C.F.R. § 1.56 and § 1.97(a)-(b), applicants would like to direct the Examiner's attention to the following references which are listed on the attached Form PTO-1449 (**Exhibit A**) and attached hereto:

1. Hacia et al., Strategies for Mutational Analysis of the Large Multiexon ATM Gene Using High-Density Oligonucleotide Arrays. *Genome Research*. December 1998, 8(12):1245-1258 (**Exhibit 1**);

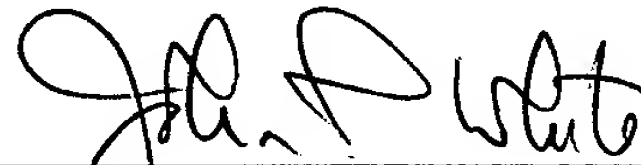
Applicant : Shlomit Gilad and Rami Skaliter
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Page 2

2. Rodriguez et al., Involvement of ATM Missense Variants and Mutations in a Series of Unselected Breast Cancer Cases. *Genes, Chromosomes, and Cancer*. February 2002, 33:141-149 (**Exhibit 2**);
3. Oppitz et al., Sequence Analysis of the ATM Gene in 20 Patients With TROG Gred 3 or 4 Acute and/or Late Tissue Radiation Side Effects. *International Journal of Radiation Oncology, Biology Physics*. July 1999, 45 (5):981-988 (**Exhibit 3**);
4. Koike et al., Ovarian Cancer: Loss of Heterozygosity Frequently Occurs in the ATM Gene, but Structural Alterations Do Not Occur in This Gene. *Oncology*. January 1999, 56(2):160-163 (**Exhibit 4**);
5. Boutlwood, J., Ataxia-Telangiectasia gene mutations in leukaemia and lymphoma. *Journal of Clinical Pathology*. July 2001, 54:512-516 (**Exihbit 5**);
6. Olsen et al., Cancer in Patients With Ataxia-Telangiectasia and in Their Relatives in the Nordic Countries. *The New Journal of the National Cancer Institute*. 17 January 2001, 93(2):121-127 (**Exihbit 6**);

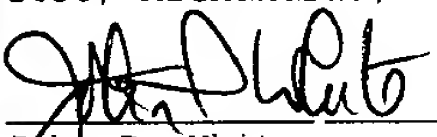
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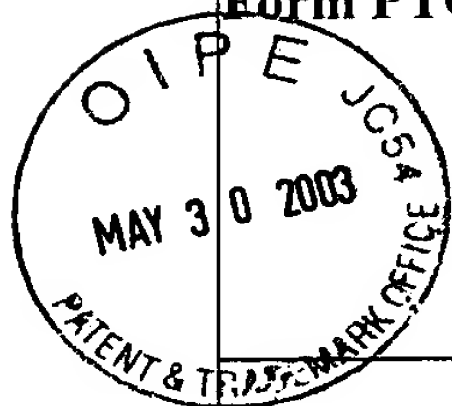
No fee, other than the enclosed \$180.00 fee for submission of the Information Disclosure Statement, is deemed necessary in connection with the filing of this Information Disclosure Statement. If any such fee is required, authorization is hereby given to charge the amount of any such fee to Deposit Account No. 03-3125.

Respectfully submitted,



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I hereby certify that this correspondence is being deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450	
	5/27/03
John P. White Reg. No. 28,678	Date



Form PTO-1449

**U.S. Department of Commerce
Patent and Trademark Office**

Atty. Docket No.
65504-A

Serial No.
09/810,993

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Applicants:

Shlomit Gilad and Rami Skaliter

Filing Date

March 16, 2001

Group

1634

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Hacia et al., Strategies for Mutational Analysis of the Large Multiexon ATM Gene Using High-Density Oligonucleotide Arrays. <i>Genome Research</i> . December 1998, 8(12):1245-1258
	Rodriguez et al., Involvement of ATM Missense Variants and Mutations in a Series of Unselected Breast Cancer Cases. <i>Genes, Chromosomes, and Cancer</i> . February 2002, 33:141-149
	Oppitz et al., Sequence Analysis of the ATM Gene in 20 Patents With TROG Gred 3 or 4 Acute and/or Late Tissue Radiation Side Effects. <i>International Journal of Radiation Oncology, Biology Physics</i> . July 1999, 45 (5):981-988
	Koike et al., Ovarian Cancer: Loss of Heterozygosity Frequently Occurs in the ATM Gene, but Structural Alterations Do Not Occur in This Gene. <i>Oncology</i> . January 1999, 56(2):160-163
	Boutlwood, J., Ataxia-Telangiectasia gene mutations in leukaemia and lymphoma. <i>Journal of Clinical Pathology</i> . July 2001, 54:512-516
	Olsen et al., Cancer in Patients With Ataxia-Telangiectasia and in Their Relatives in the Nordic Countries. <i>The New Journal of the National Cancer Institute</i> . 17 January 2001, 93(2):121-127

EXAMINER**DATE CONSIDERED**

***EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicants: Shlomit Gilad and Rami Skaliter
 Title: ATM Mutations in Breast Cancer
 U.S. Serial No. 09/810,993
 Filed: March 16, 2001
 Exhibit A